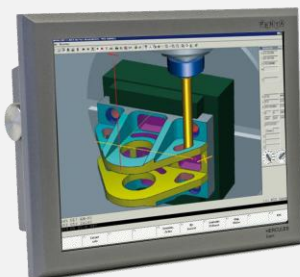


# Giant

## Stand - Alone Industrial Computer

**Reliable - Durabel - Maintenancefree - Fanless**



## Description / Applications

### Features :

- Modular high-end Industrial-PC with complete closed housing (IP65)
- Durable and error-free even under critical environmental conditions
- Fast data input via Touchscreen
- Various input – and reader devices (Legic , RFID etc.) and Scanner are connectable
- Wireless-LAN integrable
- Expandable with two PCI-Slots
- Passive cooling concept **without** ventilation-slot and **without** fan
- Metal-housing with especially surface, protected all around
- Industrial suited mounting- and fastening concept with mounting bracket
- Cablecover with industrial grade cabel feedthrough (IP65)

### Applications:

- Data acquisition, -allocation, -output
- Frontend for eg. control systems- and productionfacilities
- Visualising / store-technic / MDA / PDA / CNC
- Routes- and process monintoring
- Navigation- and Pick-up-Systems
- Production- and warehouses

### Options :

- Mountings for wall , ceiling etc.
- Wireless LAN components
- Scanner and reader

## Technical Data Giant Series

### Systemdata :

CPU	Intel® Atom 1,6 GHz		
Cache	512kB L2		
Chipset	Intel® 945GSE		
RAM	2 GB DDR		
Graphic controller	Intel® GMA 950		
Video memory	Up to 224 MB (DVMT)		
Storage Media	Automotive HDD or industrial grade CF-Card		
Display size	15"	17"	19"
Display resolution	1024 x 768	1280x1024	
Weight	9,0 kg	9,5 kg	10,5 kg

### Interfaces :

Touch	analog resistive with extended transparency (>80%), surface hard coated against abrasion
USB	2x USB2.0
Power supply	110/240V <sub>AC</sub> 50/60Hz wide input range
Ethernet	10/100 MB/s
RS232	4 x serial (+5 or +12V on Pin 9 for Laser-/Barcodescanner connection)
PCI-Card	2 x for e.g. Wireless LAN card ; IO Interface card etc.
PS/2	Keyboard + Mouse

### Operating Systems :

Windows	Windows 7; Windows XP ; XP embedded
LINUX	Linux , Embedded Linux (on request; customized)

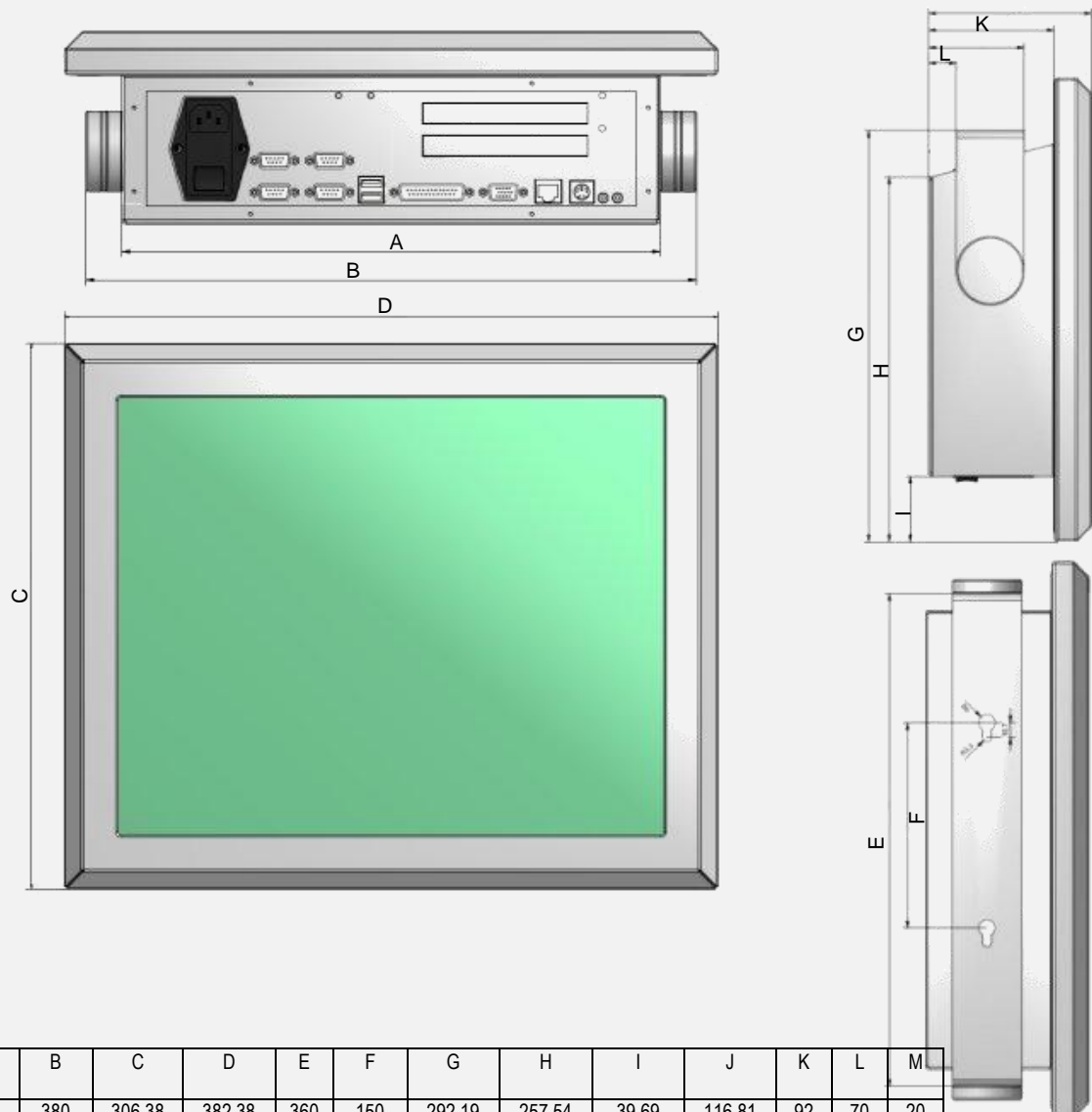
### Environment conditions :

Operating-Temperature	0°C to + 50°C
Storage-Temperatur	- 10°C to + 60°C
Humidity (Operating)	10% to 90% relative humidity (not condensing)
Humidity (Storage)	5% to 95% relative humidity (not condensing)

### Certificates: CE Certificate of Conformity

Environment	
EMC-Directive: 89 / 336 / EEC	EN 55022/5.1995 class A, EN 50082-2/3.1995, VCCI class A, CISPR 22 class A, 47 CFR Part 15 Subpart B (FCC), AS/NZS 3548 class A, EN 60950 RoHS compliant ISO 9001 (2008) ; ISO 13485 (2007) WEEE-Reg.-Nr. DE 70246803

## Sizes Giant Series



PC Size (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M
15"	335	380	306,38	382,38	360	150	292,19	257,54	39,69	116,81	92	70	20
17"	335	380	338,5	406,5	360	150	300,25	266,3	47,75	119,31	92	70	20
19"	335	380	376,5	451,7	360	150	300,25	266,3	47,75	119,31	92	70	20

### PENTA Giant Partnumbers :

part-No.	Description
GIX-15-A6T-02G	Giant 15",VGA (1024x768), Atom 1,6 GHz, automotive HDD, 2GB RAM, Touch
GIX-17-A6T-01G	Giant 17",SXGA (1280x1024), Atom 1,6 GHz, automotive HDD, 2GB RAM, Touch
GIX-19-A6T-02G	Giant 19",SXGA (1280x1024), Atom 1,6 GHz, automotive HDD, 2GB RAM, Touch